

1 (10) ABSTRACT OF THE DISCLOSURE

2 Data collection and display representative of at least one characteristic relevant to a
3 viability product contained in a sealed package, via monitoring at least one
4 characteristic associated with a state condition of said product. A viability state
5 condition may be related to probability of degradation of the product. The monitoring
6 may include analyzing data associated with at least one said characteristic and,
7 based on said analyzing, determining at least one critical date of said product which
8 may be displayed. When current state of viability can be predicted, freezing said
9 display with said signal representative of an expiration or maturity state condition, or
10 dynamically altering a display accordingly. Options for displaying a history of said
11 characteristic may be provided.